

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062121\
 Data File : VN067420.D
 Acq On : 21 Jun 2021 16:38
 Operator : JC/MD
 Sample : M2795-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B1GW

Quant Time: Jun 22 03:11:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

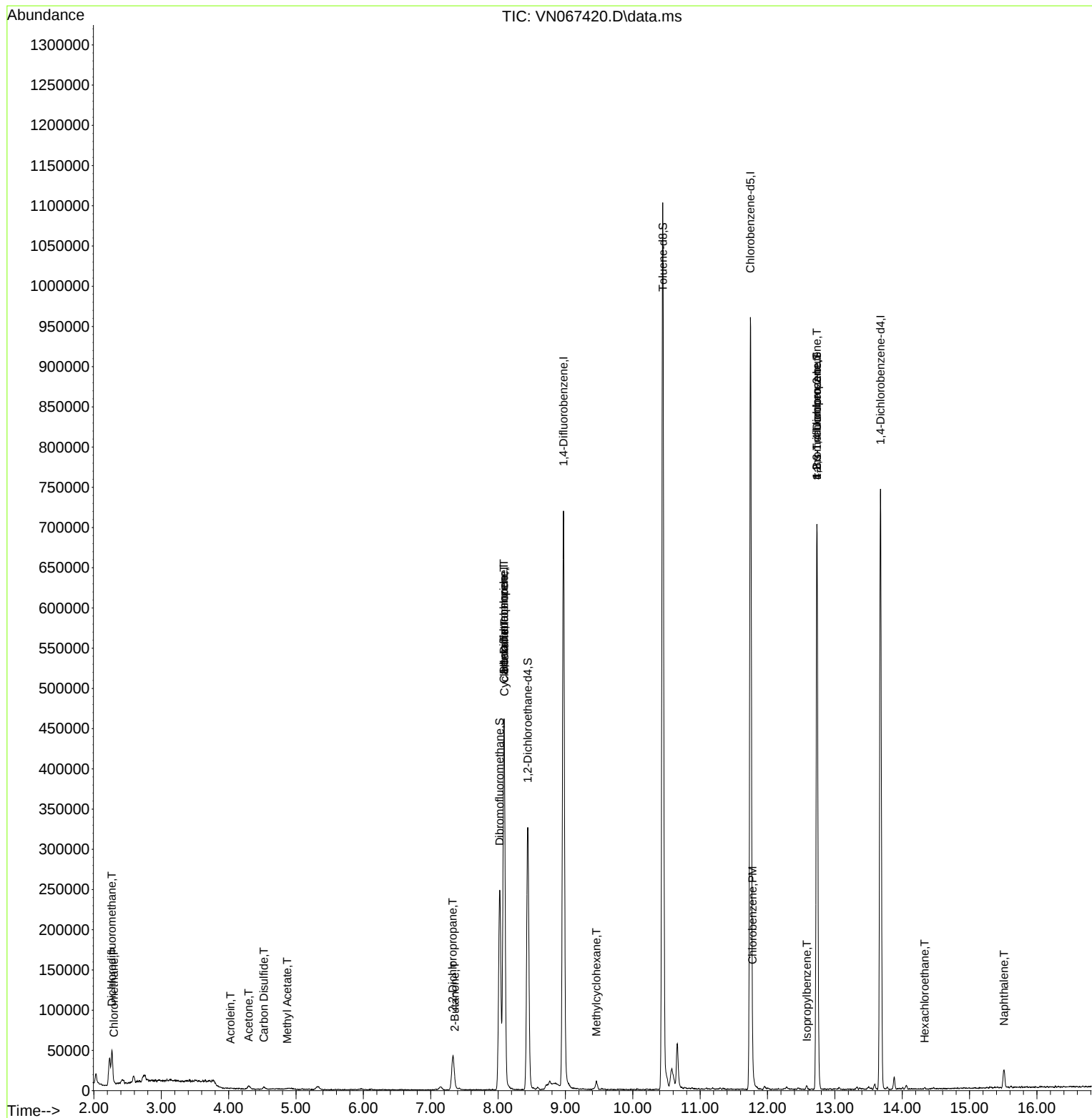
Internal Standards						
1) Pentafluorobenzene	8.088	168	286683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	584834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	515670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	169031	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	282862	50.02	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.04%
35) Dibromofluoromethane	8.024	113	181277	46.61	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.22%
50) Toluene-d8	10.446	98	754032	50.58	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.16%
62) 4-Bromofluorobenzene	12.733	95	259551	42.19	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	84.38%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.266	85	3801	2.12	ug/l	94
3) Chloromethane	2.298	50	1447	0.33	ug/l	99
13) Acrolein	4.028	56	294	0.51	ug/l #	38
16) Acetone	4.296	43	3267	1.51	ug/l #	73
17) Carbon Disulfide	4.524	76	5882	0.53	ug/l	95
18) Methyl Acetate	4.870	43	1365	0.26	ug/l #	80
25) 2-Butanone	7.356	43	6204	2.00	ug/l #	79
26) 2,2-Dichloropropane	7.327	77	2296	0.29	ug/l #	57
31) Cyclohexane	8.094	56	15093	1.96	ug/l #	52
36) 1,1-Dichloropropene	8.088	75	34683	5.29	ug/l #	51
38) Carbon Tetrachloride	8.086	117	36804	5.22	ug/l #	17
39) Methylcyclohexane	9.459	83	4430	0.64	ug/l #	75
65) Chlorobenzene	11.776	112	4612	0.41	ug/l	90
73) Isopropylbenzene	12.586	105	3875	0.24	ug/l	82
76) 1,2,3-Trichloropropane	12.733	75	152056	34.64	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	152056	85.85	ug/l #	6
90) Hexachloroethane	14.332	117	914	0.38	ug/l #	16
95) Naphthalene	15.512	128	18950	4.36	ug/l	98

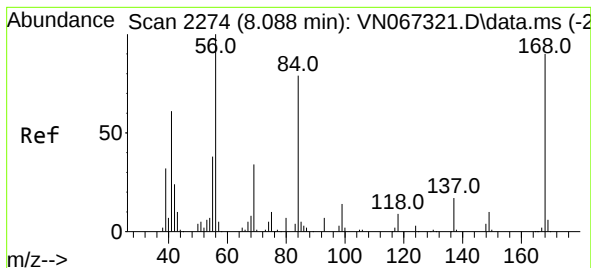
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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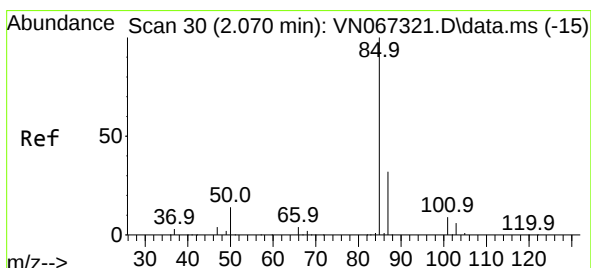
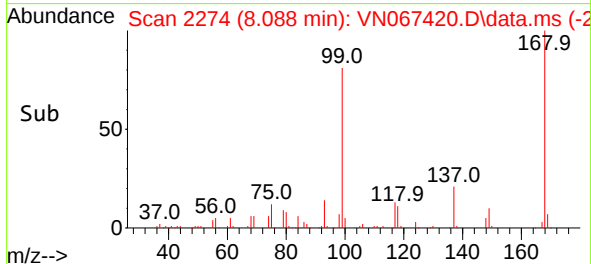
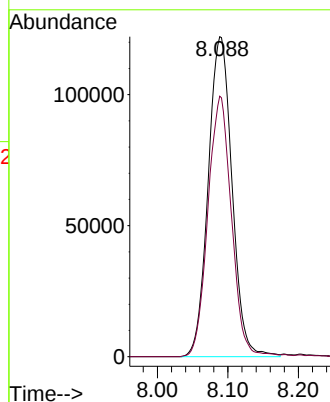
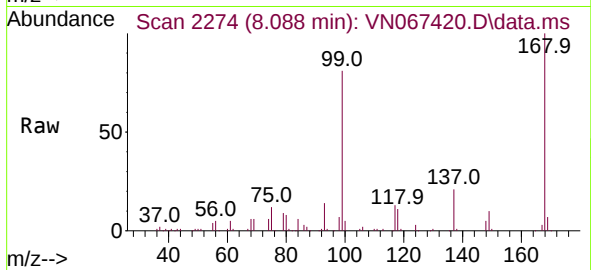




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

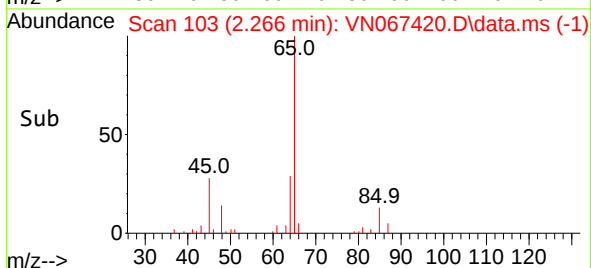
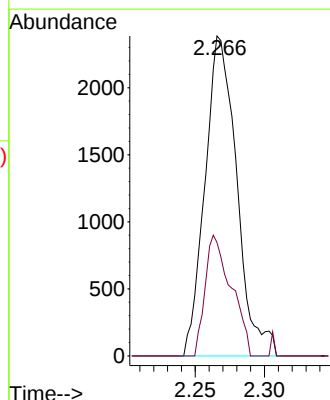
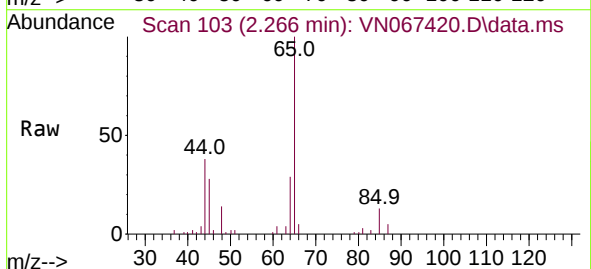
Instrument :
MSVOA_N
ClientSampleId :
B1GW

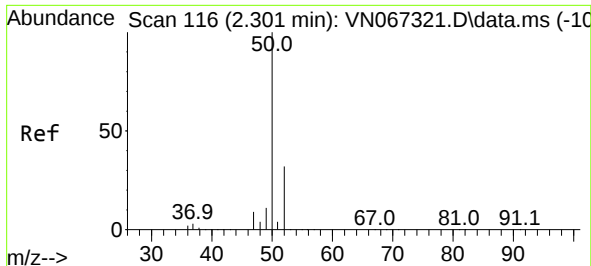
Tgt Ion:168 Resp: 286683
Ion Ratio Lower Upper
168 100
99 81.4 62.9 94.3



#2
Dichlorodifluoromethane
Concen: 2.12 ug/l
RT: 2.266 min Scan# 103
Delta R.T. 0.196 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

Tgt Ion: 85 Resp: 3801
Ion Ratio Lower Upper
85 100
87 35.5 16.1 48.2

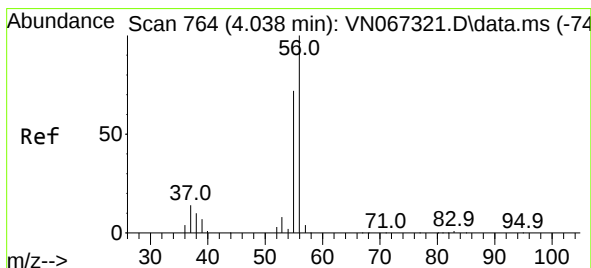
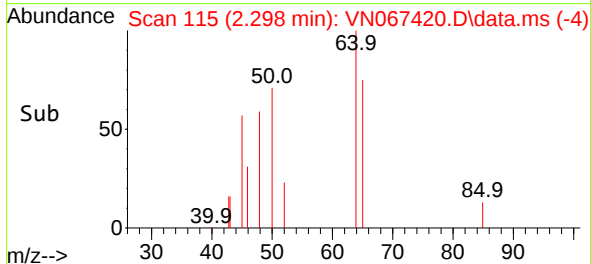
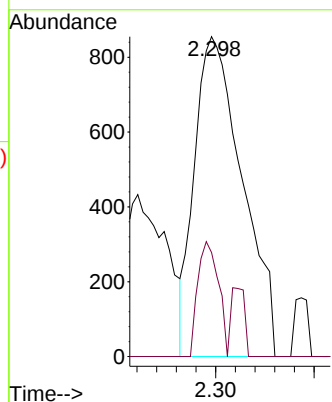
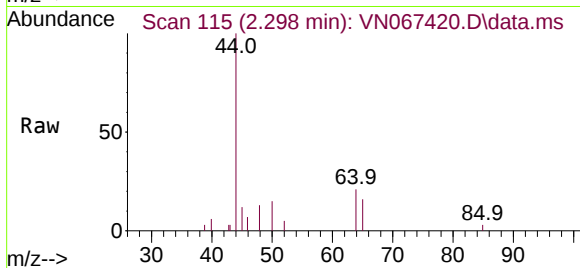




#3
Chloromethane
Concen: 0.33 ug/l
RT: 2.298 min Scan# 115
Delta R.T. -0.003 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

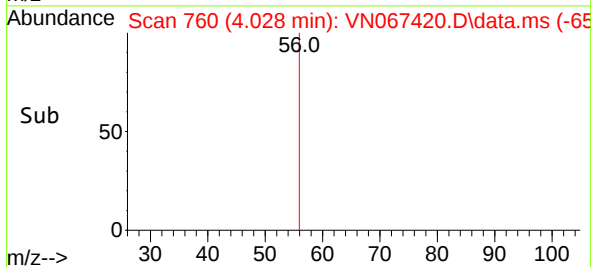
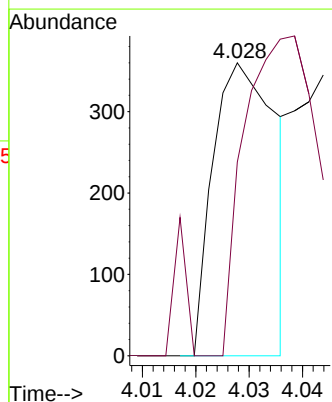
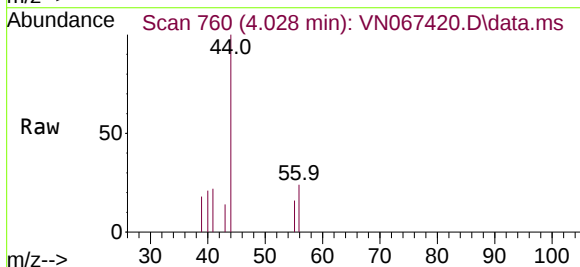
Instrument :
MSVOA_N
ClientSampleId :
B1GW

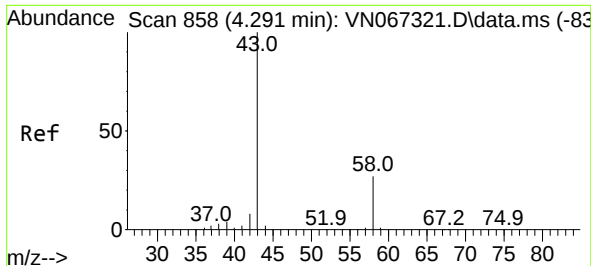
Tgt Ion: 50 Resp: 1447
Ion Ratio Lower Upper
50 100
52 32.5 25.6 38.4



#13
Acrolein
Concen: 0.51 ug/l
RT: 4.028 min Scan# 760
Delta R.T. -0.010 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

Tgt Ion: 56 Resp: 294
Ion Ratio Lower Upper
56 100
55 123.1 57.4 86.0#

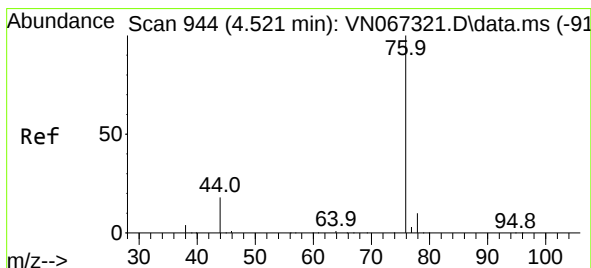
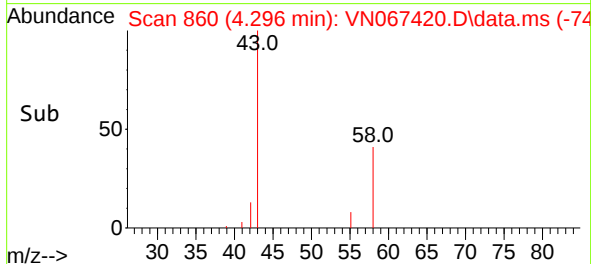
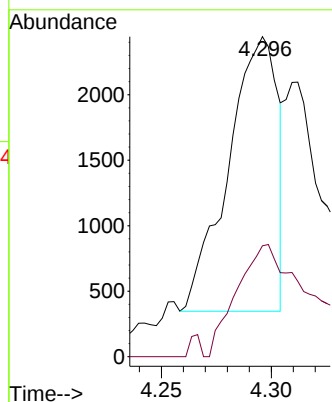
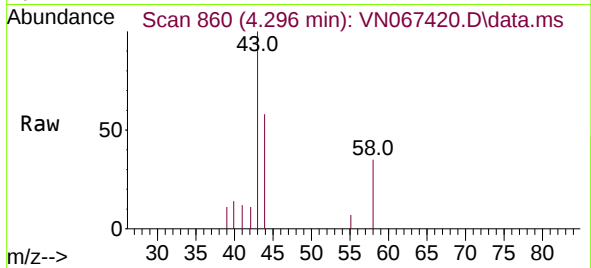




#16
Acetone
Concen: 1.51 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

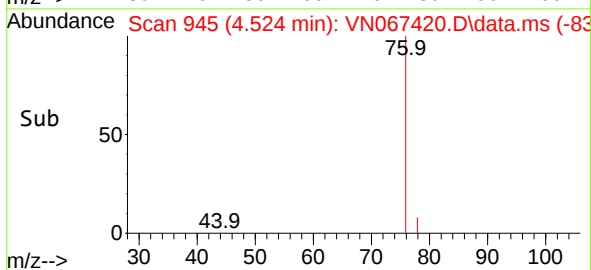
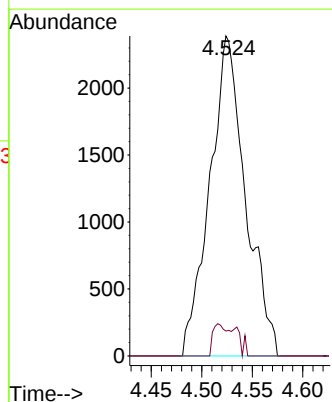
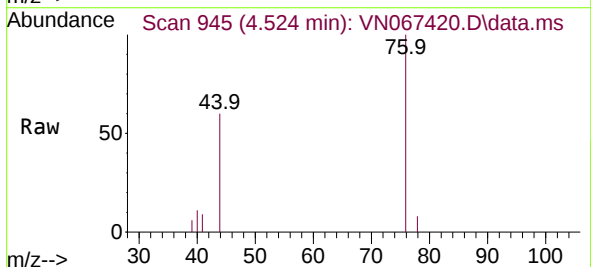
Instrument :
MSVOA_N
ClientSampleId :
B1GW

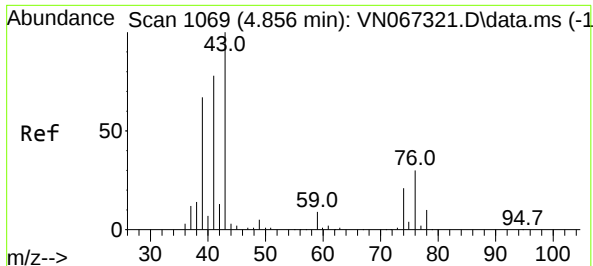
Tgt Ion: 43 Resp: 3267
Ion Ratio Lower Upper
43 100
58 40.4 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.53 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

Tgt Ion: 76 Resp: 5882
Ion Ratio Lower Upper
76 100
78 7.8 7.7 11.5

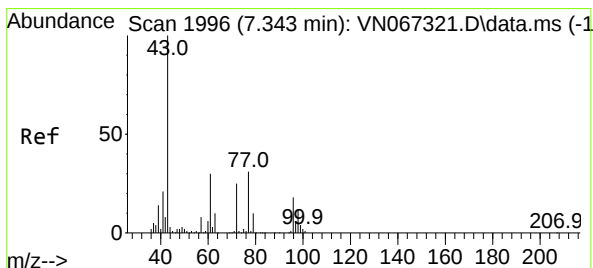
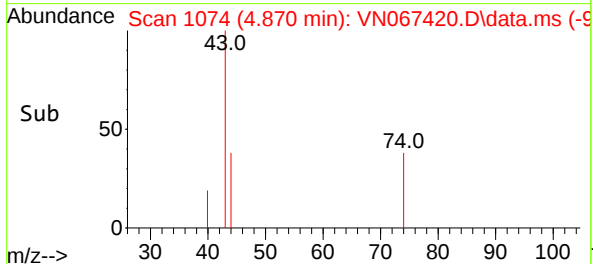
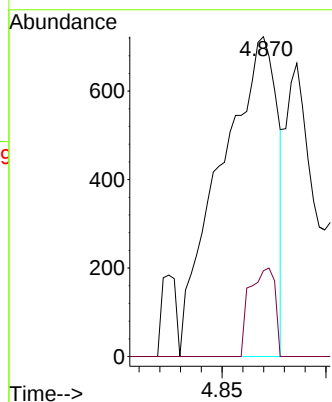
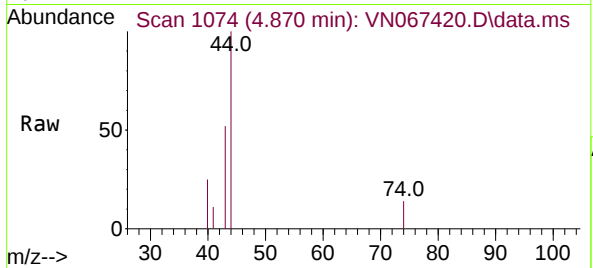




#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 4.870 min Scan# 1074
Delta R.T. 0.014 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

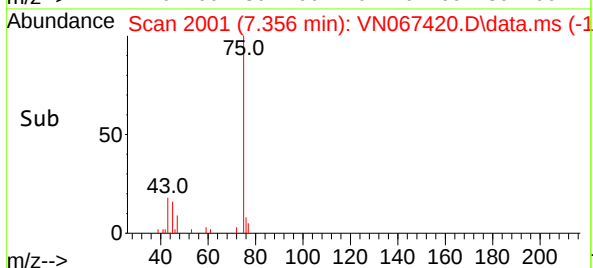
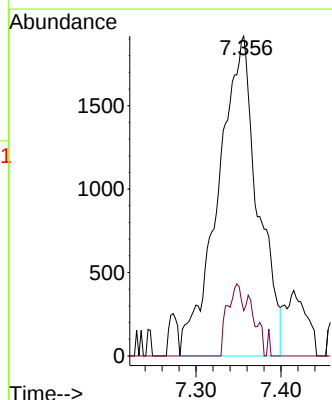
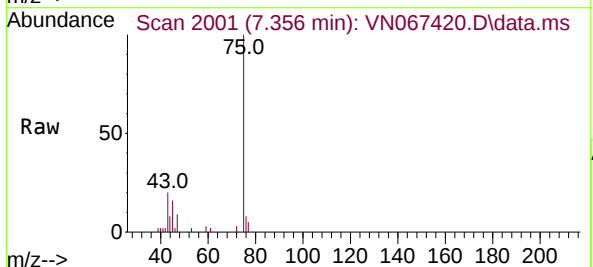
Instrument :
MSVOA_N
ClientSampleId :
B1GW

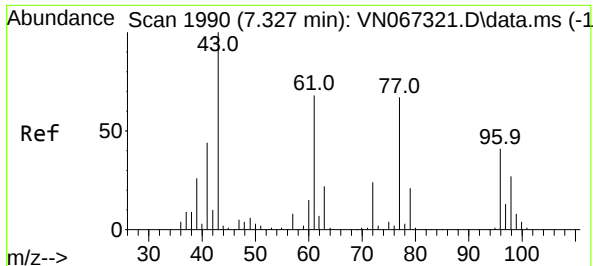
Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
74 12.4 17.4 26.0#



#25
2-Butanone
Concen: 2.00 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. 0.013 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

Tgt Ion: 43 Resp: 6204
Ion Ratio Lower Upper
43 100
72 14.1 19.7 29.5#

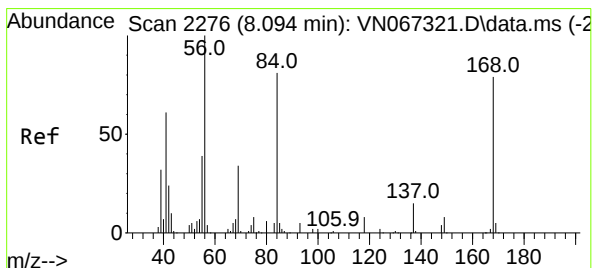
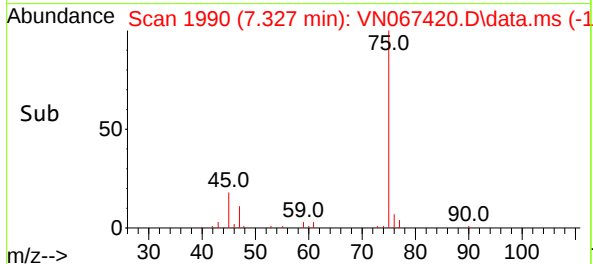
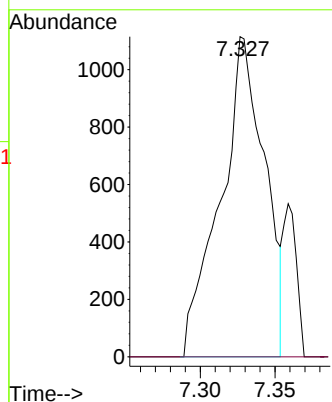
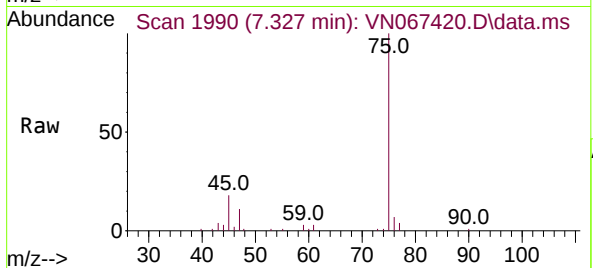




#26
2,2-Dichloropropane
Concen: 0.29 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

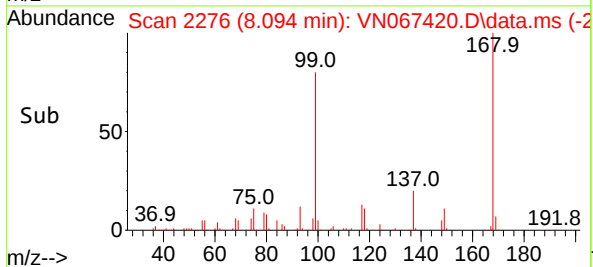
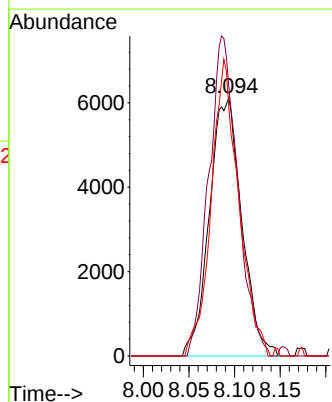
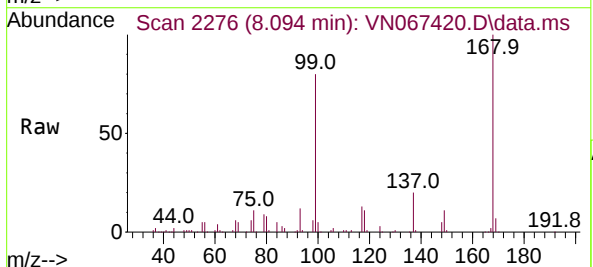
Instrument :
MSVOA_N
ClientSampled :
B1GW

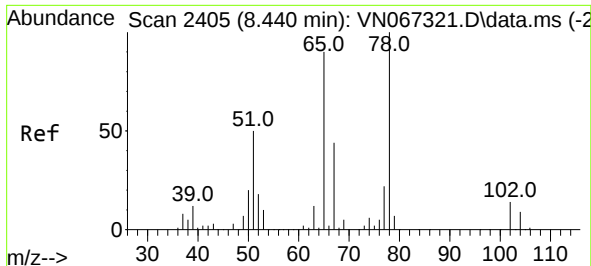
Tgt Ion: 77 Resp: 2296
Ion Ratio Lower Upper
77 100
97 0.0 9.8 29.3#



#31
Cyclohexane
Concen: 1.96 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

Tgt Ion: 56 Resp: 15093
Ion Ratio Lower Upper
56 100
69 104.2 27.3 40.9#
84 95.9 64.9 97.3

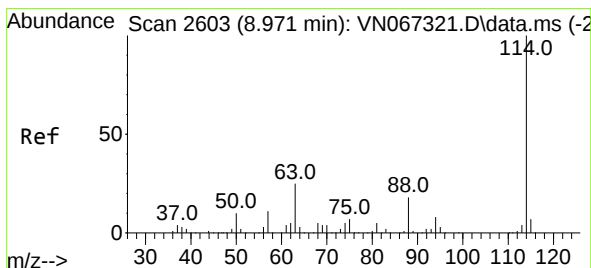
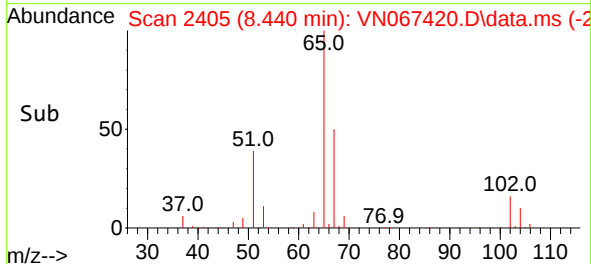
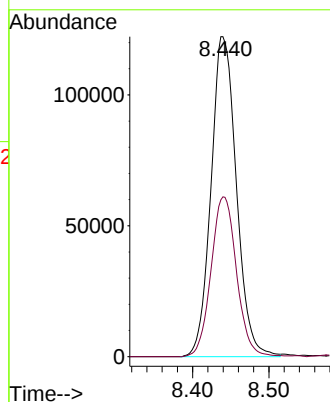
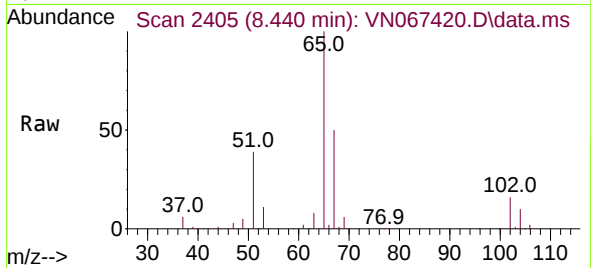




#33
 1,2-Dichloroethane-d4
 Concen: 50.02 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067420.D
 Acq: 21 Jun 2021 16:38

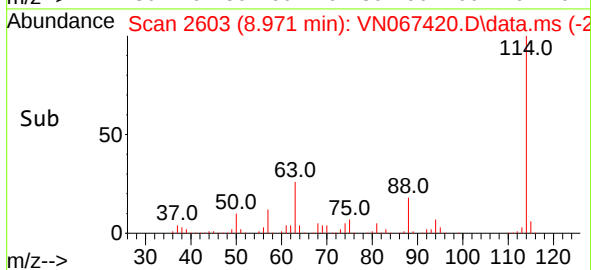
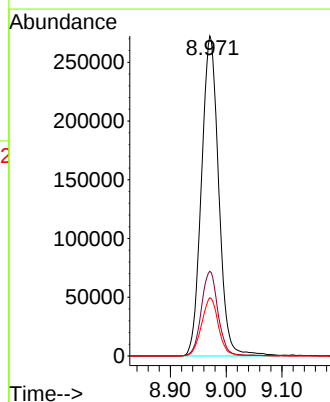
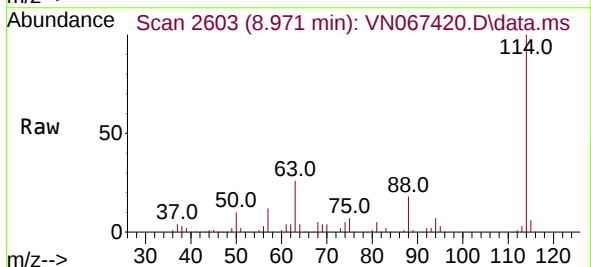
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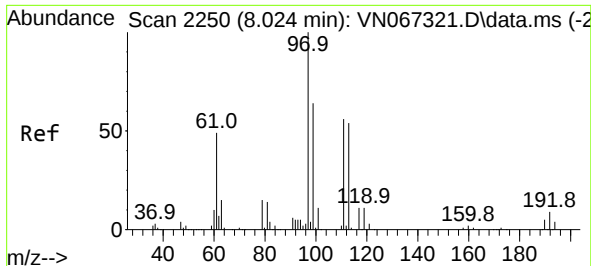
Tgt Ion: 65 Resp: 282862
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.000 min
 Lab File: VN067420.D
 Acq: 21 Jun 2021 16:38

Tgt Ion: 114 Resp: 584834
 Ion Ratio Lower Upper
 114 100
 63 26.5 0.0 49.0
 88 18.2 0.0 36.6

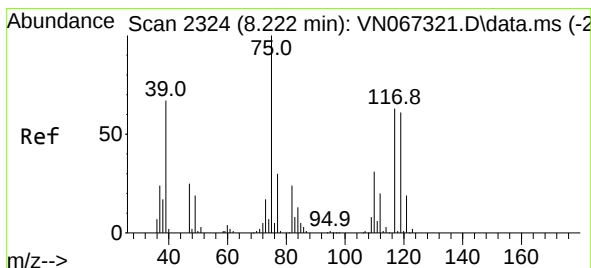
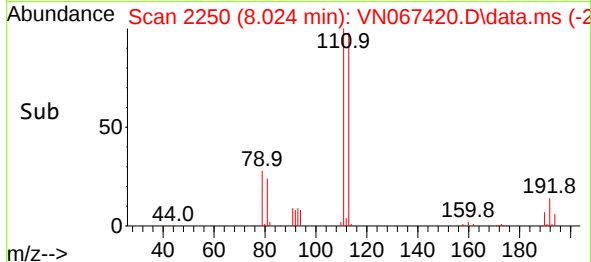
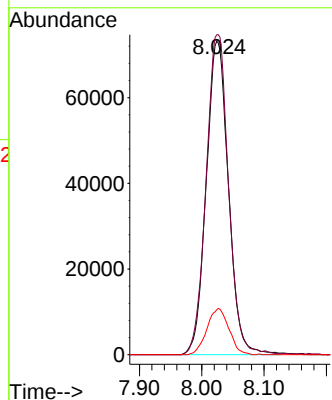
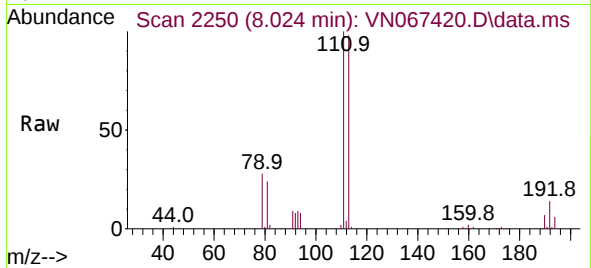




#35
Dibromofluoromethane
Concen: 46.61 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

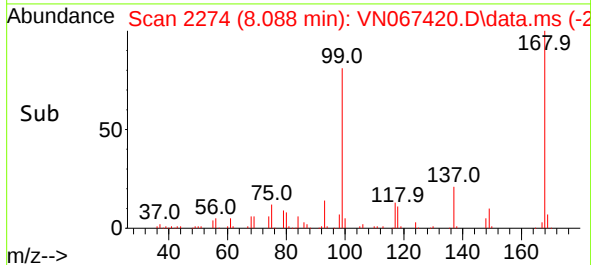
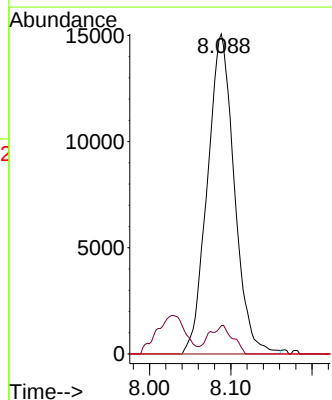
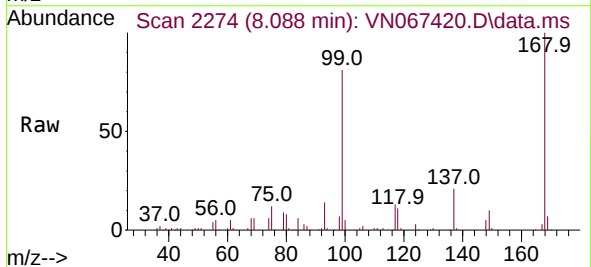
Instrument :
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B1GW

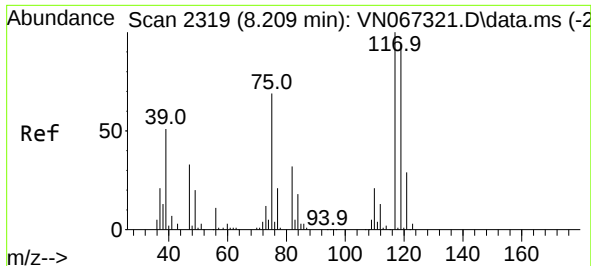
Tgt Ion:113 Resp: 181277
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.8
192 14.6 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.29 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

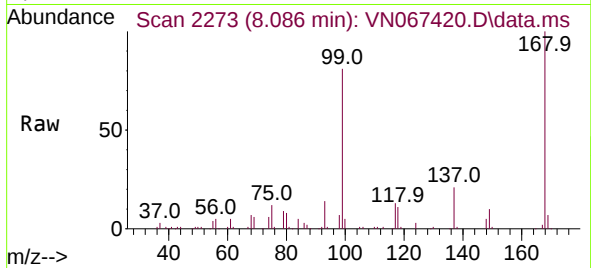
Tgt Ion: 75 Resp: 34683
Ion Ratio Lower Upper
75 100
110 7.8 15.7 47.0#
77 0.0 24.6 37.0#



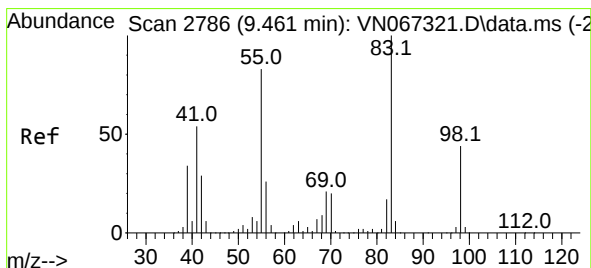
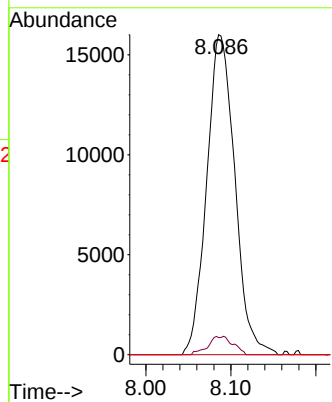
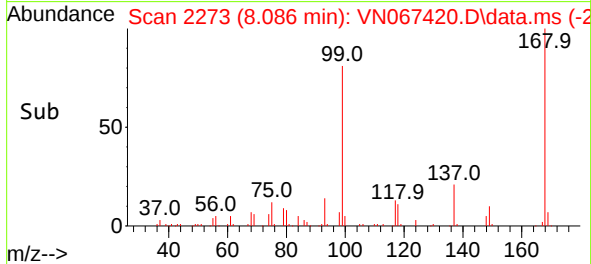


#38
Carbon Tetrachloride
Concen: 5.22 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

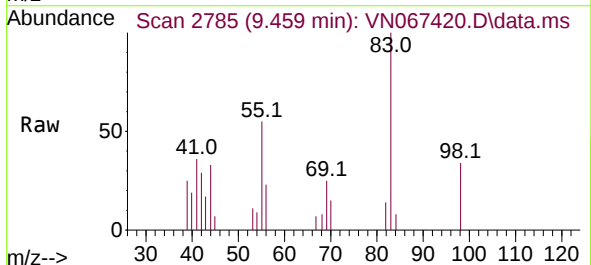
Instrument :
MSVOA_N
ClientSampled :
B1GW



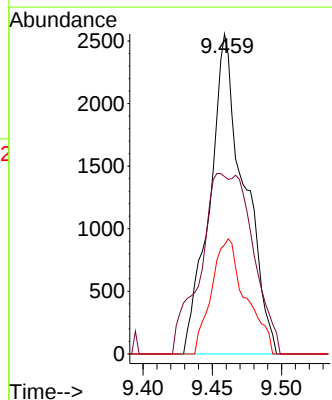
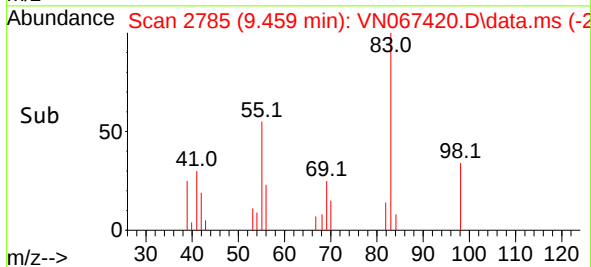
Tgt Ion:117 Resp: 36804
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.2#
121 0.0 23.5 35.3#

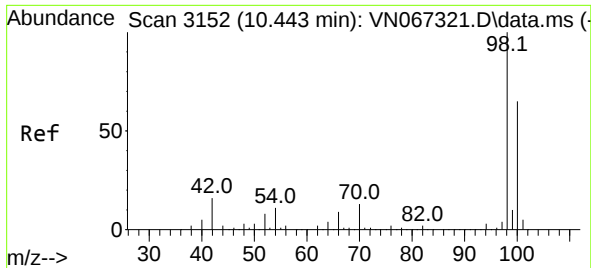


#39
Methylcyclohexane
Concen: 0.64 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.002 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38



Tgt Ion: 83 Resp: 4430
Ion Ratio Lower Upper
83 100
55 55.4 66.6 99.8#
98 34.1 35.3 52.9#

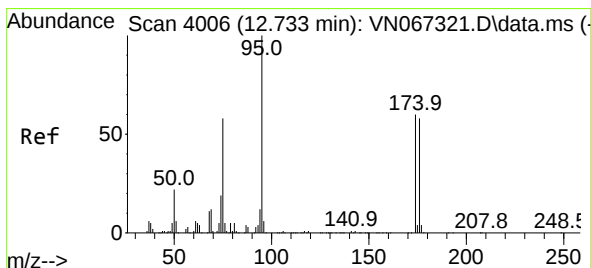
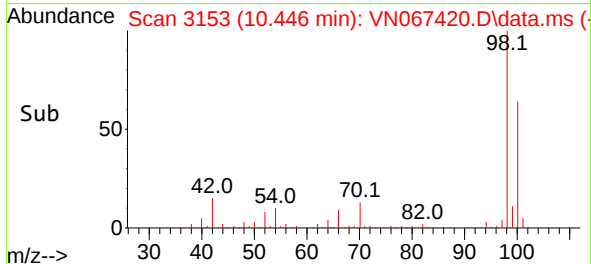
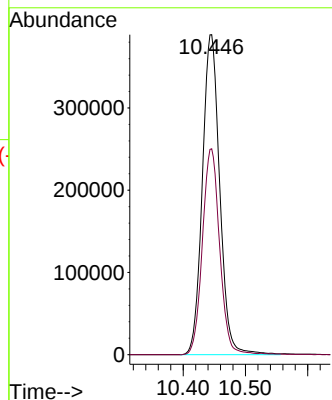
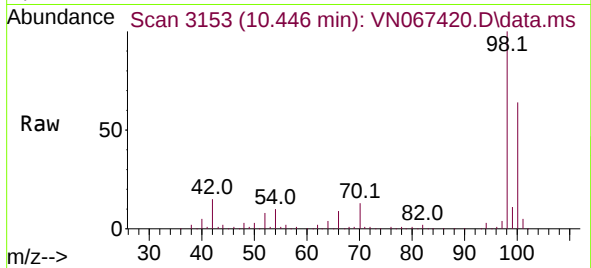




#50
Toluene-d8
Concen: 50.58 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

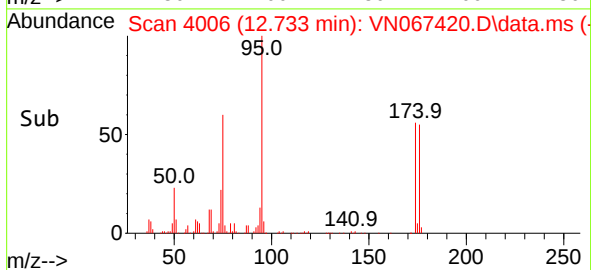
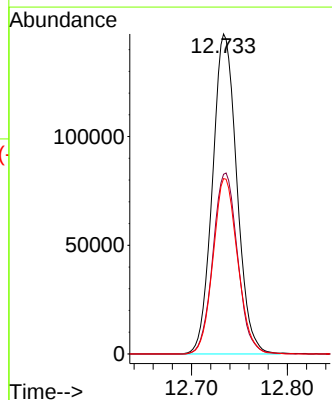
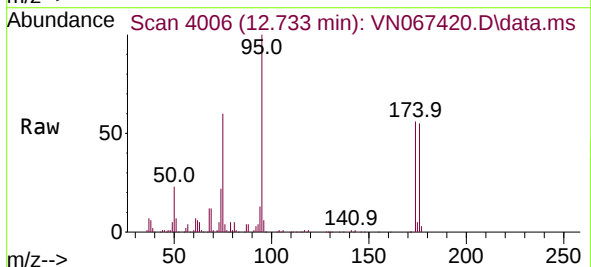
Instrument :
MSVOA_N
ClientSampleId :
B1GW

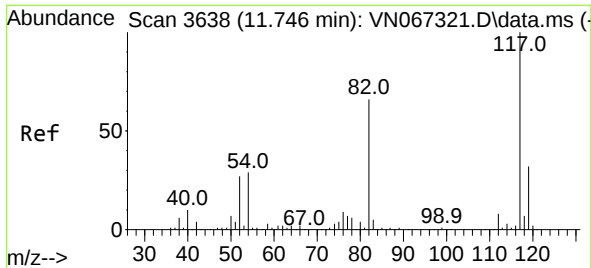
Tgt Ion: 98 Resp: 754032
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 42.19 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

Tgt Ion: 95 Resp: 259551
Ion Ratio Lower Upper
95 100
174 57.3 0.0 122.0
176 55.4 0.0 117.6

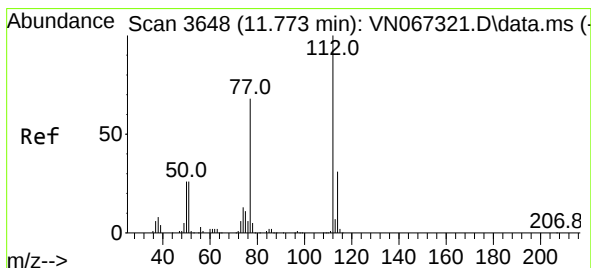
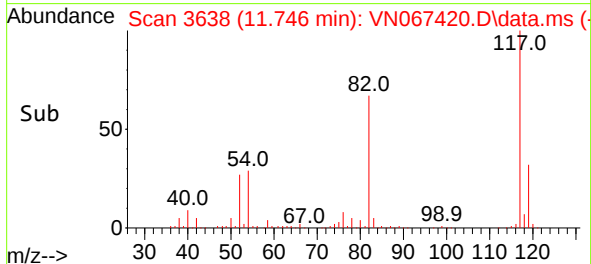
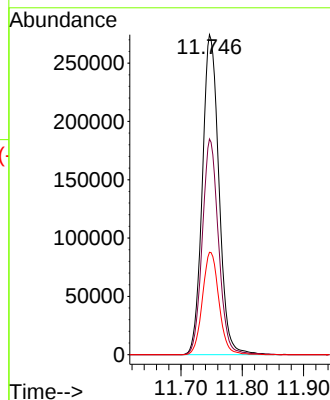
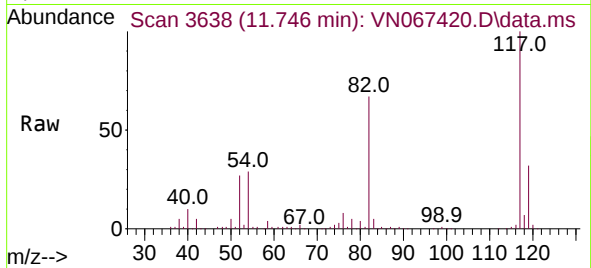




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

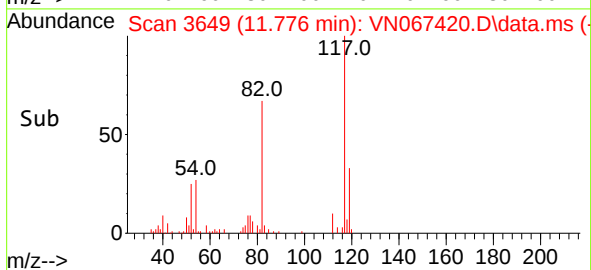
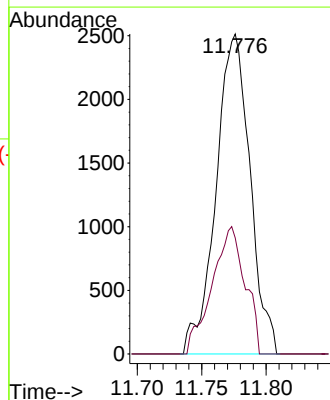
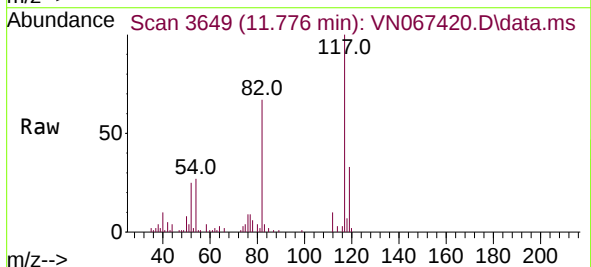
Instrument :
MSVOA_N
ClientSampleId :
B1GW

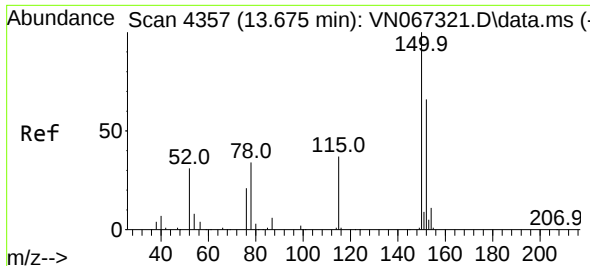
Tgt Ion:117 Resp: 515670
Ion Ratio Lower Upper
117 100
82 67.4 53.1 79.7
119 32.0 25.5 38.3



#65
Chlorobenzene
Concen: 0.41 ug/l
RT: 11.776 min Scan# 3649
Delta R.T. 0.003 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

Tgt Ion:112 Resp: 4612
Ion Ratio Lower Upper
112 100
114 36.2 24.6 37.0

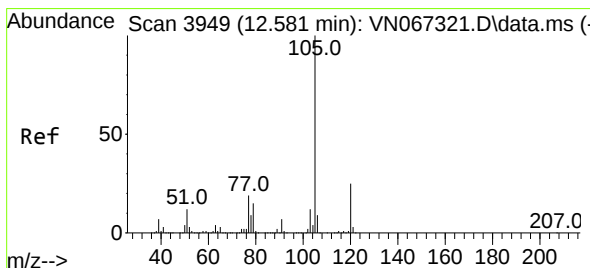
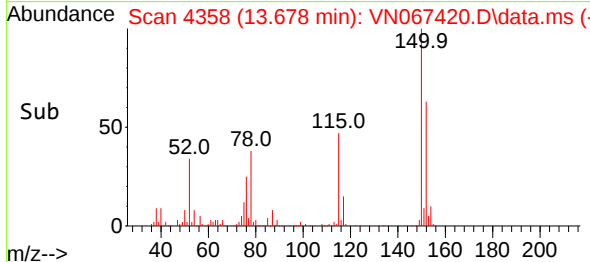
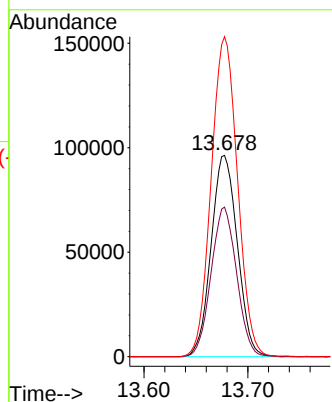
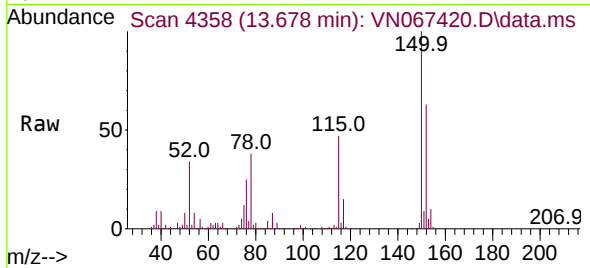




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

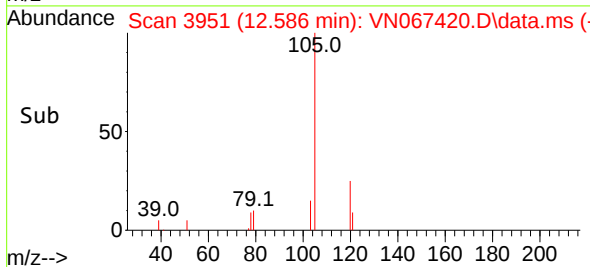
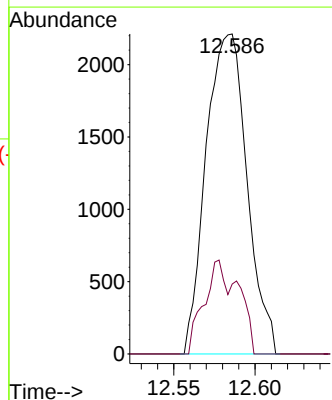
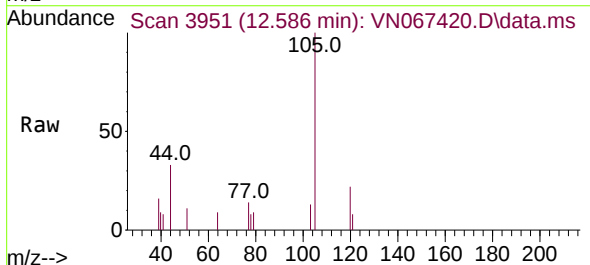
Instrument :
MSVOA_N
ClientSampleId :
B1GW

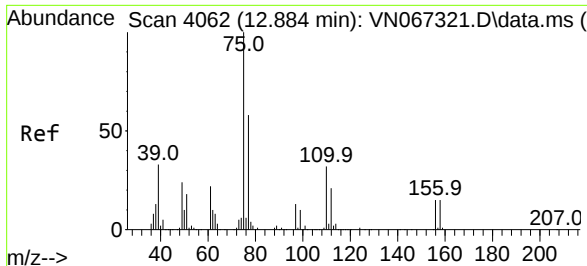
Tgt Ion:152 Resp: 169031
Ion Ratio Lower Upper
152 100
115 72.4 36.1 108.5
150 159.7 0.0 351.8



#73
Isopropylbenzene
Concen: 0.24 ug/l
RT: 12.586 min Scan# 3951
Delta R.T. 0.005 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

Tgt Ion:105 Resp: 3875
Ion Ratio Lower Upper
105 100
120 15.9 12.5 37.5

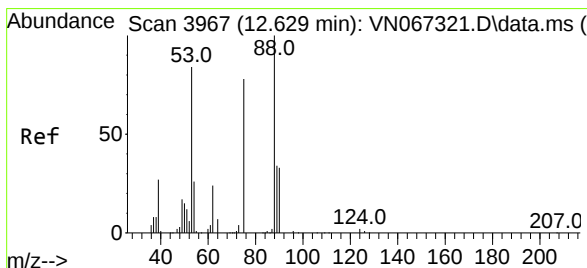
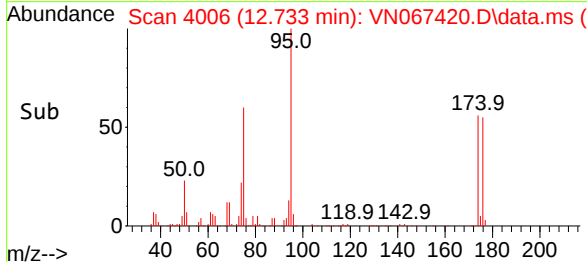
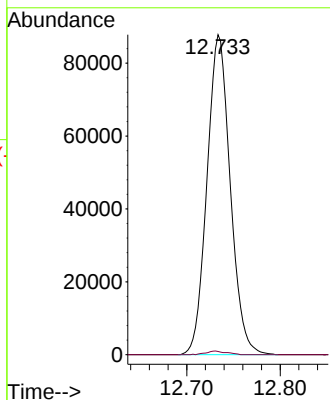
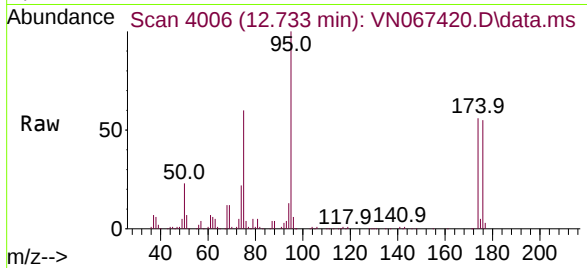




#76
1,2,3-Trichloropropane
Concen: 34.64 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

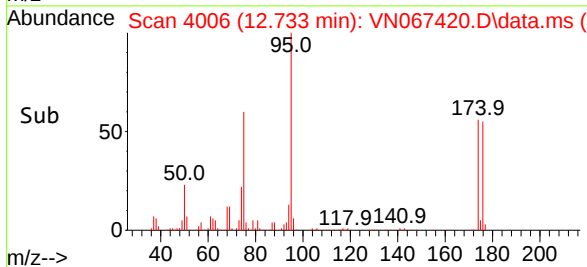
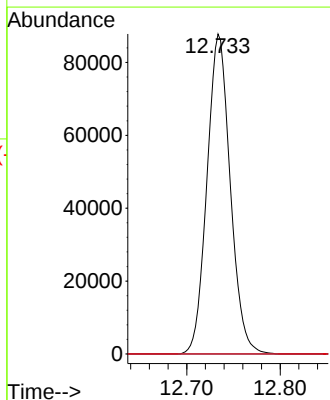
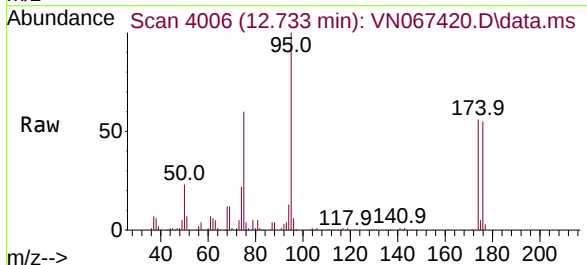
Instrument :
MSVOA_N
ClientSampleId :
B1GW

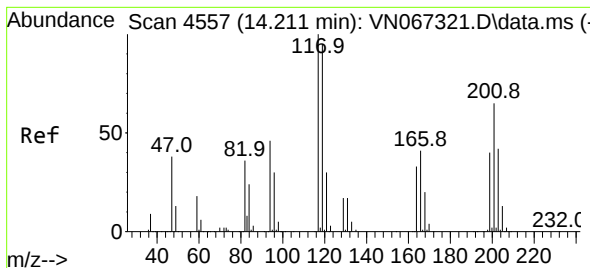
Tgt Ion: 75 Resp: 152056
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.85 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

Tgt Ion: 75 Resp: 152056
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

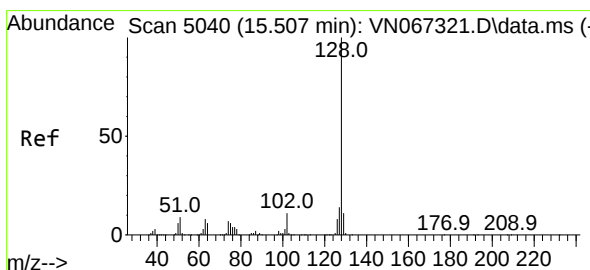
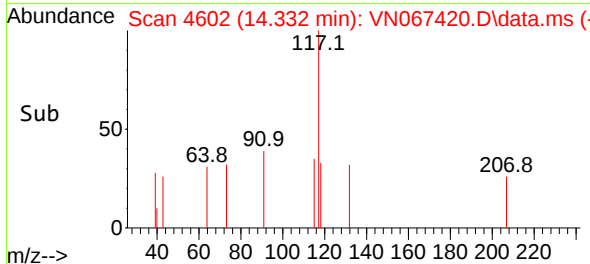
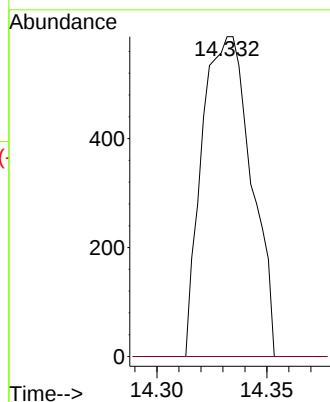
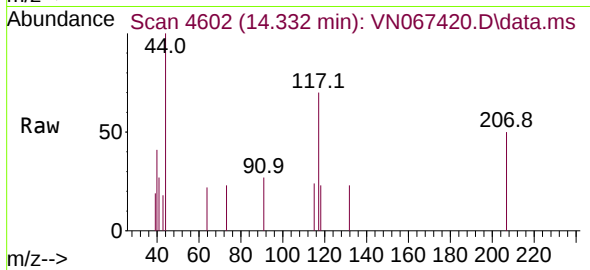




#90
Hexachloroethane
Concen: 0.38 ug/l
RT: 14.332 min Scan# 4602
Delta R.T. 0.121 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

Instrument :
MSVOA_N
ClientSampleId :
B1GW

Tgt Ion:117 Resp: 914
Ion Ratio Lower Upper
117 100
201 0.0 33.5 100.5#



#95
Naphthalene
Concen: 4.36 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN067420.D
Acq: 21 Jun 2021 16:38

Tgt Ion:128 Resp: 18950
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.7 8.6 12.8

